

READ AND SAVE THESE INSTRUCTIONS

Range Hood User Guide

**7272 Buller Ave
Burnaby BC
www.KitchenHoods.ca**

Model – 3503D-I36



The manufacturer disclaims all liability for any damage or injury caused as a result of not following instructions for installation contained in the following text.

The cooker hood is used on 120V/60Hz.

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(1) IMPORTANT SAFETY INSTRUCTION

WARNING – TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

- a) Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer.
- b) Before servicing or cleaning unit, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

CAUTION - For General Ventilating Use Only. Do Not Use To Exhaust Hazardous Or Explosive Materials And Vapours.

WARNING - To Reduce The Risk Of Fire Or Electric Shock, Do Not Use This Fan With Any Solid-State Speed Control Device.

WARNING – TO REDUCE THE RISK OF A RANGE TOP GREASE FIRE:

- a) Never leave surface units unattended at high settings. Boiling can cause smoking and greasy spill that may ignite.
- b) Always turn hood ON when cooking at high heat .
- c) Clean ventilating fans frequently. Grease should not be allowed to accumulate on fan or filter.
- d) Use proper pan size. Always use cookware appropriate for the size of the surface element.

WARNING – TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A RANGE TOP GREASE FIRE, OBSERVE THE FOLLOWING ^a:

- a) SMOTHER FLAMES with a close-fitting lid, cookie sheet, or metal tray, then turn off the burner. BE CAREFUL TO PREVENT BURNS. If the flames do not go out immediately, EVACUATE AND CALL THE FIRE DEPARTMENT.

- b) NEVER PICK UP A FLAMING PAN – You may be burned.
- c) DO NOT USE WATER, including wet dishcloths or towels – a violent steam explosion will result.
- d) Use an extinguisher ONLY if:
 - 1) It is Class ABC extinguisher, and you already know how to operate it.
 - 2) The fire is small and contained in the area where it started.

(2) NOTICE OF INSTALLATION

WARNING – TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

- a) Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
- b) Sufficient air is needed for proper combustion and exhausting of gases through the flue(chimney) of fuel burning equipment to prevent back drafting. Follow the heating equipment manufacturer's guideline and safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.
- c) Ducted fans must always be vented to the outdoors.

WARNING - TO REDUCE THE RISK OF FIRE, USE ONLY METAL DUCTWORK.

CAUTION - To reduce the risk of fire and to properly exhaust air, be sure to duct air outside - Do not vent exhaust air into spaces within walls or ceilings or into attics, crawl spaces, or garages.

GROUNDING INSTRUCTIONS

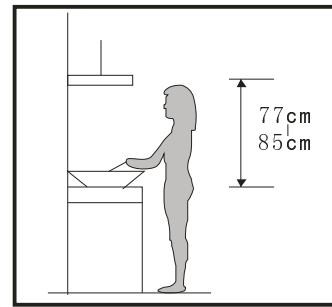
This appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This appliance is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

WARNING – Improper grounding can result in a risk of electric shock. Consult a qualified electrician if the grounding instructions are not completely understood, or if doubt exists as to whether the appliance is properly grounded.

Do not use an extension cord. If the power supply cord is too short, have a qualified electrician install an outlet near the appliance.

INSTALLATION PROCESS

- a) The ceiling must be able to hold at least 120 kg weight, and the thickness of the ceiling must be $\geq 30\text{MM}$, drill one $\varnothing 170$ mm hole in the ceiling. See Pic ①.
- b) According to the mounting plate, drill 12 holes in the ceiling, see pic ②, 12 pcs of ST6*40mm screws will be used to fix the mounting plate on the wood ceiling (for fixing to concrete ceiling, use 8 expansion bolts and screws), and then eight M4*10 screws and M4 nuts with gaskets will be used to secure the four angle iron bars to the mounting plate, see Pic①, calculated the length of the angle iron, and 16pcs of M4*10 big flat screws and M4 nut with gasket will be used to secure another four angle iron bars for extension (the overlap length of the angle iron assembly shall not be less than 100mm).
- c) Let one end of the duct go outside through the $\varnothing 170$ mm hole, see Pic③.
- d) Use 4 ST4*8 screws to secure the outer duct cover to the mounting,



Pic 1

then fix the inner duct cover to the angel irons with two hooks. See Pic ④.

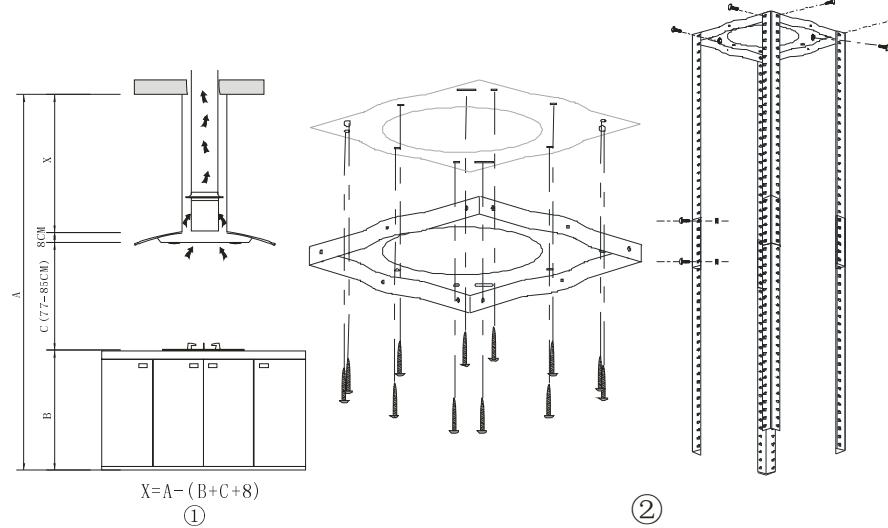
e) Use 4 ST4*8 screws to secure the damper, see Pic⑤.

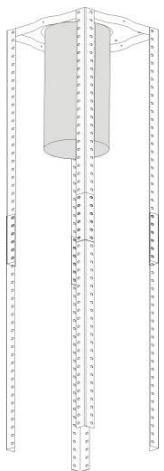
f) Adjust the 4 screws on the glass panel and check whether the glass panel is well fixed the range hood body, see Pic⑥.

g) Hold up the hood carefully, use 16 M4*10 screws to secure the hood body to angle iron, see Pic⑥.

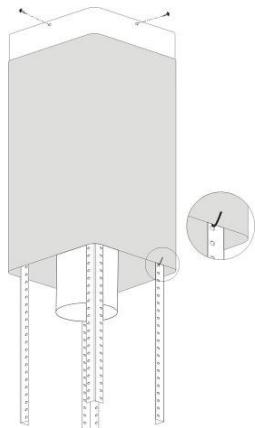
h) Ensure all the things are fixed, remove the hooks which securing the inner duct cover, and pull the inner duct cover down to the range hood body. See Pic⑦ & Pic⑧.

i) The setting distance is 77 to 85cm far from the burner. See Pic1.

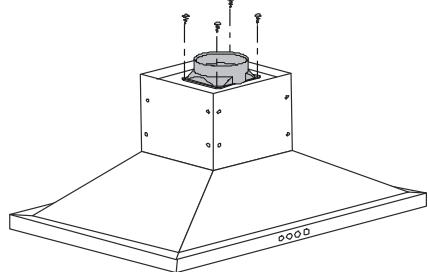




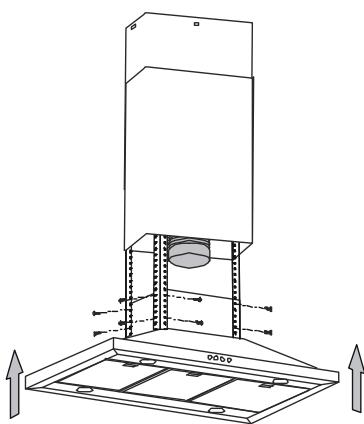
③



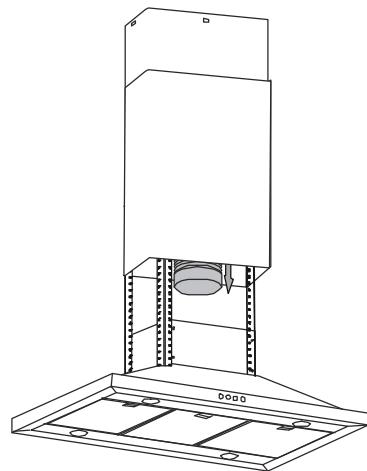
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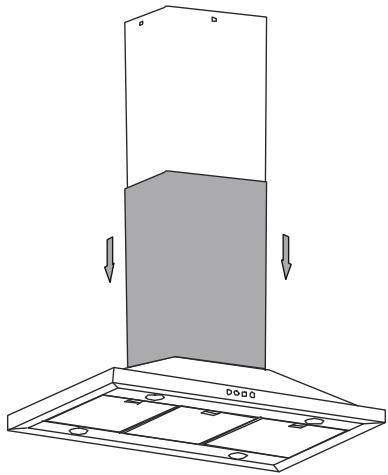
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⑥



⑦



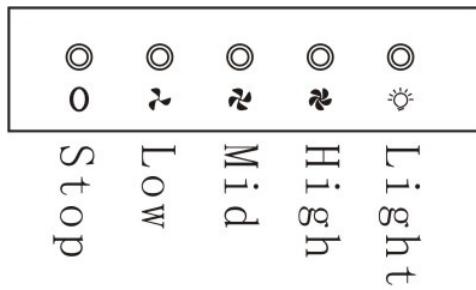
⑧

(3)FEATURE

1. The range hood uses high quality materials, and is made with a streamlined design.
2. Equipped with large power low noise electric motor, centrifugal leaf which produces strong suction with low noise, and non sticky grease filter. Easy for cleaning.
3. Equipped with the isolated low voltage circuit board control and 12V lights.
4. Special wind tunnel construction and oil collector design, free dirt will be absorbed in a second.

(4) USE

1. Push stop button, and the motor will stop.
2. Push the Low button, and the motor runs at low speed.
3. Push the Mid button, and the motor runs at mid speed.
4. Push the High button, and the motor runs at high speed.
5. Push the light button and the two lights will come on. Push it again and the light will turn off.



Pic 6

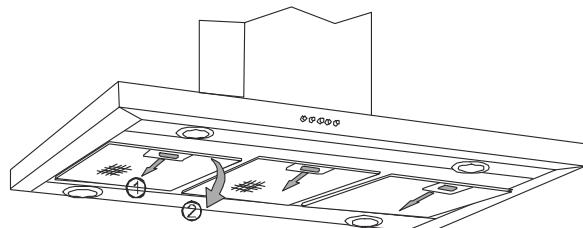
(5) MAINTENANCE

5.1 THE CLEANING OF THE CARBON GREASE FILTER MESH

The filter mesh is made of high-density stainless steel. Please do not use the corrosive detergent on it. Keeping this filter clean will keep the appliance running correctly. Please strictly follow the guidelines below.

METHOD 1: Put the mesh into 40-50°C clean water, add detergent, and soak for 2-3 minutes. Wear gloves and clean with a soft brush. Please do not apply excessive pressure, or it will be damaged.

METHOD 2: If instructed to do so, it can be put into a dishwasher, set the temperature at around 60°C.



5.2 HOW TO CLEAN THE RANGE HOOD

- A.** To protect the main body from corrosion over a long period of time, the cooker hood should be cleaned with hot water plus non-corrosive detergent every two months.
- B.** Please do not use abrasive detergent as it will damage the body.
- C.** Keep the motor and other spare parts free from water, as this will cause damage to the appliance.
- D.** Before cleaning the appliance please remember to cut off the power.
- E.** The carbon filter shouldn't be exposed to heat.
- F.** Please don't tear the fixed bar around the carbon filter
- G.** If the plug or cord is damaged, please replace it with special soft cord.

(6) ABNORMITY AND SOLUTION

Fault	Cause	Solution
Light on, but motor does not work	The leaf blocked	Get rid of the blocking
	The capacitor damaged	Replace capacitor
	The motor jammed bearing damaged	Replace motor
	The internal with of motor off or a bad smell from the motor	Replace motor
Light does not work, motor does not work	Beside the above mentioned, check the following:	
	Light damaged	Replace lights
	Power cord looses	Connect the wires as per the electric diagram
Oil leakage	Damper and the air ventilation entrance are not tightly sealed	Take down the damper and seal with glue
	Leakage from the connection of U-shaped section and cover	Take U-shaped section down and seal with soap or paint
Shake of the body	The leaf damaged and causes shaking	Replace the leaf
	The motor is not tightly hanged	Lock the motor tightly
	The body is not tightly hanged	Fixed the body tightly
Insufficient suction	The distance between the body and the gas top too long	Readjust the distance
	Too much ventilation from open doors or windows	Choose a new place and resemble the machine
The machine inclines	The fixing screw not tight enough	Tighten the fixing screw and make it horizontal
	The mounting screw not tight enough	Tighten the mounting screw and make it horizontal

(7)WARRANTY CARD

We will warrant this product free from defects in material and quality for one year from date of purchase. If any problems occur from correct usage, please contact the service department for under warranty service.

This warranty DOES NOT cover the following:

The filter mesh and bulb.

Commercial use.

Amendment of the manufacture date on the rating plate.

After 12 months from date of purchase.

Damaged caused to the body by usage of detergent sprayer.

Pollution made to the led parts, glass parts and S/S parts.

Incorrect installation, misuse, abuse or neglect.

Incorrectly fitted to insufficient or unsuitable power.

Damage caused by foreign object.

Taken apart or serviced by unauthorized service engineers or replaced with other manufacture's components.

For commercial use the maintenance and free service should be discussed with our authorized agent.

Beyond the 12 months warranty period, the purchaser should pay for charge of components and call out.

In the event of a service call, please provide the warranty card and receipt of date of purchase.

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